

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of the Claims

1. (currently amended) A method for communicating data representing a media object encoded into classified data representing base layer information and enhancement layer information through a network fabric comprising the steps of:

transmitting a composition of the classified data as prioritized data in response to network conditions wherein the classified data comprises at least one of base layer information with associated base layer parity information and at least one enhancement layer with associated enhancement layer parity information:

adjusting a composition of prioritized data for transmission in response to a change in network conditions resulting in a loss of data on said network, wherein an amount of data of said enhancement layer data is reduced and an amount of data of said parity information associated with said base layer is increased, while said amount of data of said base layer stays the same, wherein the composition of classified data is modified with enhancement layer information.

2. (original) The method of Claim 1, wherein the classified data is pre-encoded.

3. (original) The method of Claim 1, wherein the transmitting step is enabled by a multimedia server.

4. (original) The method of Claim 1, wherein the prioritized data is encoded by an encoding operation selected from at least one of: temporal scalability and data partitioning.

5. (original) The method of Claim 1, wherein the prioritized data is transmitted as data packets that are sequentially numbered.

Claim 6 (cancelled).

7. (currently Amended) The method of Claim 1, A method for communicating data representing a media object encoded into classified data representing base layer information and enhancement layer information through a network fabric comprising the steps of:

transmitting a composition of the classified data as prioritized data in response to network conditions wherein the classified data comprises at least one of base layer information with associated base layer parity information and at least one enhancement layer with associated enhancement layer parity information;

wherein the adjusting step reduces an amount of the base layer information and associated base layer parity information and increases an amount of the enhancement layer information and associated parity data forming the composition of priority data when network conditions are favorable for rendering the media object, while an amount of said base layer information stays the same.

8. (original) The method of Claim 1, wherein the classified data is pre-encoded by a forward error correction code operation using Reed Solomon codes and the classified data is stored according to data class.

9. (original) The method of Claim 8, wherein a multimedia server selects the composition of prioritized data to be transmitted based on network conditions by accessing a data store corresponding to data class.

10. (original) The method of Claim 1, wherein more than one layer of enhancement information and associated priority data form the classified data.
11. (original) The method of Claim 1, wherein network conditions considered during the transmission step comprise as least one of: available bandwidth, expected loss of transmitted data, actual loss of transmitted data based on a user profile, historic network conditions, and a specific request for the composition of classified data transmitted as the prioritized data.
12. (original) The method of Claim 1, wherein network conditions considered during the adjustment step comprise at least one of: a change in available bandwidth, a change in the expected loss of transmitted data, a change in the loss of transmitted data, and a request to change the composition of classified data transmitted as the prioritized data.
13. (currently amended) A method for communicating data representing a media object comprising the steps of:
 - determining network conditions;
 - transmitting prioritized data in accordance with network conditions, wherein the prioritized data is generated as a composition of classified data representing at least one base layer of information and at least one enhancement layer of information with parity data being associated with each layer of information; and
 - the composition of transmitted base layer information with associated parity data and the enhancement layer information with associated parity data is determined in response to network conditions, wherein

(i) an transmitted amount of data associated with said enhancement layer is increased and an transmitted amount of data associated with said base layer parity data is decreased when said network conditions result in low network loss, and

(ii) said transmitted amount of data associated with said enhancement layer is decreased and said transmitted amount of data associated with said base layer parity data is increased when said network conditions result in a high network data loss.

Claims 14-15 (cancelled)

16. (original) The method of Claim 13, wherein prioritized data is sent in the form of data packets.

17. (original) The method of Claim 16, wherein data packets are packed with more enhancement layer information with associated parity data when space is available.

18. (original) The method of Claim 13, wherein the composition of classified data transmitted as the prioritized data is changed in response to a request from a decoder.

19. (currently amended) The method of Claim 13, wherein network conditions considered during the determination step comprise as at least one of: available bandwidth, expected loss of transmitted data, actual loss of transmitted data based on a user profile, historic network conditions, and a specific request for the composition of classified data transmitted as the prioritized data.

Claims 20-21 (cancelled)

22. (new) The apparatus of Claim 13, wherein when said network experiences data losses, bidirectional "B" frames are exclusively placed in said enhancement layer and intra-coded "I" frames and predictive "P" frames are exclusively placed in said based layer until said data loss is reduced.